SUPPLEMENTAL SSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number

212235US-2REISSUE

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in the below identified patent:

Patent Number 5,936,577

Date Patent Issued

August 10, 1999

Title of Invention

ADAPTIVE ANTENNA

for which a reissue patent is sought on the invention entitled:

the specification of which

is attached hereto

Ø was filed on August 9, 2001 and (if applicable) was amended on

as reissue application number

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

We (I) hereby claim foreign priority benefits under 35 USC §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s):

Application No.

Country

Day/Month/Year

Priority Claimed

8-276249

Japan

18/October/1996

Yes

We (I) hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below. **Application Number** Filing Date

We (I) hereby claim the benefit under 35 USC §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.

Filing Date

Status

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below.

- by reason of a defective specification or drawing.
- by reason of the patentee claiming more or less than he had the right to claim in the patent.
- by reason of other errors.

At least one error upon which reissue is based is described as follows:

The failure to submit claims 19 and 20 which do not use means-plus-function limitations as stated in claim 1, and the fallure to submit method claims as stated in claims 21-22.

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

Reissue Application Declaration by the Inventor (Continued)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected herewith: Norman F. Oblon, Reg. No. 24,618; Marvin J. Spivak, Reg. No. 24,913; C. Irvin McClelland, Reg. No. 21,124; Gregory J. Maier, Reg. No. 25,599; Arthur I. Neustadt, Reg. No. 24,854; Richard D. Kelly, Reg. No. 27,757; James D. Hamilton, Reg. No. 28,421; Eckhard H. Kuesters, Reg. No. 28,870; Robert T. Pous, Reg. No. 29,099; Charles L. Ghoiz, Reg. No. 26,395; William E. Beaumont, Reg. No. 30,996; Jean-Paul Lavalleye, Reg. No. 31,451; Stephen G. Baxter, Reg. No. 32,884; Richard L. Treanor, Reg. No. 36,379; Steven P. Weihrouch, Reg. No. 32,829; John T. Goolkasian, Reg. No. 26,142; Richard L. Chinn, Reg. No. 34,305; Steven E. Lipman, Reg. No. 30,011; Carl E. Schlier, Reg. No. 34,426; James J. Kulbaski, Reg. No. 34,648; Richard A. Neifeld, Reg. No. 35,299; J. Derek Mason, Reg. No. 35,270; Surinder Sachar, Reg. No. 34,423; Jeffrey B. McIntyre, Reg. No. 36,867; Bradley D. Lytle, Reg. No. 40,073; Michael R. Casey, Reg. No. 40,294; William T. Enos, Reg. No. 33,128 and Michael E. McCabe, Jr., Reg. No. 37,182.

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Fourth Floor 1755 Jefferson Davis Highway Arlington, Virginia 22202.

Telephone: (703) 413-3000

Facsimlle: (703) 413-2220

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full Name of sole or first inventor (given name, family name)	
Hiroki Shoki	•
Signature Thinki Shokas	Date August 19, 2002
Residence	Citizenship
Kawasaki-shi, Japan	_ Japan
	on, TOSHIBA CORPORATION, 1-1, Shibaura 1-chome,
Full Name of second joint inventor (given name, family name)	
Manabu Mukai	
Signature Maralu Mukai	Date Aug. 26, 2002
Residence	Citizenship
Kawasaki-shl, Japan	Japan
Post Office Address c/o Intellectual Property Division Minato-ku, Tokyo, Japan	n, TOSHIBA CORPORATION, 1-1, Shibaura 1-chome,
Full Name of third Joint inventor (given name, family name)	
Tokihiko Yokoi	•
Signature Think Ykin	Date Ang. 26, 200)
Residence	Citizenship
Sagamihara-shi,Japan	Japan
	n, TOSHIBA CORPORATION, 1-1, Shibaura 1-chome,
□ Additional joint inventors are named as according	N numbered shorts all the Line of
SMMN 7/99)	y numbered sheets attached hereto.

I:\atty\EHK\Amend-Responses\0039\212235-SUP DEC.wpd